

## **USE OF TEMPORARY DISK STORAGE**

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Owner: Linda Hull

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### **PURPOSE**

To define the policy and procedure for creation and management of temporary data sets, or files, on mainframe disk storage devices at the State of Utah ITS computer facilities in Salt Lake City and Richfield.

### **SCOPE**

This procedure will apply to any application that allocates temporary data sets, or files, on mainframe disk storage devices at the State of Utah ITS computer facilities in Salt Lake City and Richfield.

### **BACKGROUND**

Temporary data sets are used for storage that is only needed for the duration of a job, or started task. Temporary data sets are created by omitting the Data Set Name (DSN) parameter, or by coding the DSN parameter as DSN=&&name, in the Job Control Language (JCL). Temporary data sets are assigned a unique name containing a system date and time stamp. If the disposition (DISP) parameter does not delete the data set by the end of the job then file is not deleted from the disk volume and the space is not released.

### **POLICY**

JCL should be coded for temporary data sets, or files, so that the file is deleted when the job ends. If the job does not delete the file when it ends then there is an automated process to delete old temporary data sets. On a disk volume deleting a temporary data set releases the storage.



### PROCEDURE

The following example shows how JCL can be coded so that a data set which is a temporary data set will exist only for the duration of the job and deleted when the job ends.

```
//SYSPRINT DD DSN=&&DATASET,DISP=(NEW,PASS,DELETE),  
//          SPACE=(CYL,(5,1),RLSE),UNIT=SYSDA,  
//          DCB=(RECFM=FBA,LRECL=121)
```

The data set will be deleted when the job terminates because of the disposition statement (DISP=NEW,PASS,DELETE).

